

AVer FD2020 2M IP Dome Camera



Product Name: AVer FD2020 2M IP Dome Camera

Manufacturer: AVer

Model Number: FD2020

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The AVer FD2020 2-megapixel FD2020 dome IP camera, designed for indoor applications, provides excellent image quality under diverse lighting conditions. With built-in mechanical ICR and adjustable IR LED illuminators, FD2020 can capture sharp images in low light and no light environments. Moreover, the camera is outfitted with a vast array of useful features including Wide Dynamic Range (WDR), Digital Noise Reduction (DNR), Smart Stream and ROI (Region of Interest) to optimize bandwidth / storage.

AVer FD2020 Key Features

- 2-megapixel 1/2.5" CMOS sensor with vari-focal lens (f=2.8~12mm)
- supports up to 1920 x 1080 at 30fps
- H.264 / MJPEG / MPEG-4 compression (tri-codec)
- supports plug and play feature with AVer DVRs/NVRs
- supports Quick Focus for quick and precise focus adjustment, works via a BNC monitor or via the camera's GUI
- built-in mechanical ICR (IR-cut filter removable) and adjustable Osram IR LEDs (30m) for excellent day and night visibility
- supports Wide Dynamic Range (WDR) and Digital Noise Reduction (DNR) to deliver cleaner, sharper images in challenging light environments
- supports Smart Stream and Region of Interest (ROI) technology, allowing for smart bandwidth / storage optimization through targeted image capturing
- EN50130-4 certified, ensuring high surge and electro-thermal resistance
- local storage backup (microSDHC/SDXC card, up to 64GB) when an event is triggered or the network is down
- event trigger actions: mail, FTP, save to memory card, relay, Samba
- NXU Lite video management software (free up to 32CH)

AVer FD2020 - Technical Specifications application environment

- indoor / outdoor indoor
- weatherproof -
- vandal-proof -
- day / night control auto / manual / schedule

camera image

- sensor 1/2.5" CMOS
- min. illumination color: 1 lux @ F1.4
- black & white: 0.15 lux @ F1.4
- 0 lux @ F1.4 (IR LED on)
- built-in IR LEDs yes - adjustable strength (Osram)
- IR distance 30m
- mechanical ICR yes
- auto iris yes

lens

- lens type vari-focal lens
- F/no F1.4

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- focal length $f=2.8\sim12\text{mm}$
- angle of view 97° ; (W) $\sim 28.7^\circ$; (T) (horizontal)
- 61.2° ; (W) $\sim 21.6^\circ$; (T) (vertical)
- bracket adjustment pan: 280° ; tilt: 30° ; $\sim 90^\circ$; rotation: 100° ;

video

- compression H.264 / MPEG-4 / MJPEG simultaneously max. resolution (H.264 / MJPEG) full HD (1920 x 1080) max. frame rate H.264 / MPEG-4 up to 30fps (1920 x 1080)
- MJPEG up to 30fps (1280 x 1024)
- streaming H.264 / MPEG-4 / MJPEG
- multiple streams yes
- WDR (Wide Dynamic Range) D-WDR
- BLC (Backlight Compensation) yes
- DNR (Digital Noise Reduction) dynamic, 3D, 2D
- Smart Stream yes
- ROI (Region of Interest) yes
- IMD (Intelligent Motion Detection) zone 3
- privacy mask 3
- image orientation mirror, flip

audio

- audio encoder G.711 / G.726 / AAC audio compression
- audio streaming 2-way audio
- microphone external microphone input

network

- protocol HTTP, HTTPS, TCP/IP (IPv4, IPv6), QoS, UPnP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, 3GPP (video only), Samba, SNMP(V1/V2c/V3), 802.1X
- Ethernet Ethernet (10/100 Base-T), RJ45 connector
- security password protection, IP address filtering, HTTPS encrypted data transmission
- user up to 10 users simultaneously

alarm

- trigger event mail, FTP, save to memory card, relay, Samba

interface

- digital input / output 1 / 1
- built-in storage option microSDHC / microSDXC card (64GB max).

general

- power supply DC 12V / PoE
- PoE PoE Class 3 (IEEE802.3af)
- power consumption: 14W (IR LED on) 7W (IR LED off)
- dimensions 144.6 \times 113.4 H (mm)
- net weight 770g
- temperature and humidity $0^\circ\text{C} \sim 45^\circ\text{C}$, 20% \sim 90%
- other value-added features Quick Focus, ePTZ, EN50130-4

software

AVer FD2020 2M IP Dome Camera

- VMS NXU Lite (free bundle up to 32CH)
- supported languages English, Arabic, Bulgarian, Czech, Danish, Dutch, Finnish, French, German, Greek, Hebrew, Hungarian, Italian, Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Simplified Chinese, Slovak, Spanish, Swedish, Thai, Traditional Chinese, Turkish

Price: £399.00

VoIPVN <http://voip.com.vn>